

Tuesday, Sept. 17, 2019

05:30 - 08:00 pm „Schlossberg Hotel“, Homburg-Saar

- 05:30 pm Registration
- 06:00 pm Welcome and Opening
J. Oertel, Homburg-Saar, Germany
- 06:15 pm Introduction to Cranial Neuroendoscopy
J. Oertel, Homburg-Saar, Germany
- 06:30 pm Neuroradiological Diagnostics in Hydrocephalus and Cysts
R. Mühl-Benninghaus, Homburg-Saar, Germany
- 06:45 pm Endoscopy Evacuation of ICH
R. Dammers, Rotterdam, The Netherlands
- 07:00 pm ETV Complications Avoidance
S. Constantini, Tel Aviv, Israel
- 07:15 pm Approaches to the Third Ventricle
J. Oertel, Homburg-Saar, Germany
- ONLINE LECTURE**
- 07:30 pm **WELCOME AND INTRODUCTION**
J. OERTEL AND G. CINALLI
- 07:45 pm **ENDOSCOPIC APPLICATION OF ULTRASOUND ASPIRATOR IN INTRA- AND PARAVENTRICULAR TUMORS**
G. CINALLI, NAPLES, ITALY
- 07:45 pm **DISCUSSION**
- 08:00 pm **Dinner and Get-Together**
Restaurant “Vauban“, Schlossberg-Hotel

INVITED SPEAKER

MODULE 2

Waleed **AZAB**, M.D., Kuwait City, Kuwait
 Alias **AZMI**, M.D., PhD, Kuala Lumpur, Malaysia
 Hermat **BHARTIYA**, M.D., PhD, Jaipur, India
 Guiseppe **CINALLI**, M.D., PhD, Naples, Italy
 Shlomi **CONSTANTINI**, M.D., PhD, Tel Aviv, Israel
 Erwin **CORNIPS**, M.D., PhD, Maastricht, The Netherlands
 Artur **DA CUNHA**, M.D., PhD, Recife, Brazil
 Ruben **DAMMERS**, M.D., Rotterdam, The Netherlands
 Jonathan **ROTH**, M.D., PhD, Tel Aviv, Israel
 Spyros **SGOUROS**, M.D., PhD, Athens, Greece
 Christoph **TSCHAN**, M.D., PhD, Meppen, Germany

Wednesday, Sept. 18, 2019

08:00 - 10:15 am Build. 61 - Anatomy

- 08:00 am Registration
- 08:15 am Welcome and Introduction
J. Oertel, Homburg-Saar, Germany
- 08:30 am Pathologies of Posterior Fossa / Blake's Pouch Cyst
E. Cornips, Maastricht, The Netherlands
- 08:45 am Endoscopic Treatment of Arachnoid Cysts
J. Rediker, Homburg-Saar, Germany
- 09:00 am Intraventricular Endoscopic Lavage (iVEL) :
Indications and Techniques
A. Azmi, Kuala Lumpur, Malaysia
- 09:15 am **COFFEE BREAK**
- 09:30 am Endoscopic Implications in Ventricular and Paraventricular Brain Tumors
J. Roth, Tel Aviv, Israel
- 09:45 am Neuroendoscopy in the First Year of Live and Choroid Plexusa Coagulation
A. Da Cunha, Recife, Brazil
- 10:00 am Endoscopic Treatment of Craniosynostosis
S. Linsler, Homburg-Saar, Germany

10:15 am - 12:30 pm Build. 65 - Exp. Surgery

- 10:15 am Introduction to the Animal Laboratory
M. Menger, Homburg-Saar, Germany

10:30 am **HANDS-ON COURSE III**

12:30 - 01:00 pm Build. 61.4

12:30 pm **LUNCH BREAK**

01:00 - 04:30 pm Build. 61 - Anatomy

- 01:00 pm ETV in Hydrocephalus of Tubercular Origin
H. Bhartiya, Jaipur, India
- 01:15 pm The Application of Intraluminal Endoscopy - The ShuntScope
C. Tschan, Meppen, Germany
- 01:30 pm History of Neuroendoscopy
P. Grunert, Homburg-Saar, Germany
- 01:45 pm Cyst in Children
S. Sgouros, Athens, Greece
- 02:00 pm **HANDS-ON COURSE IV**
- 03:15 pm **COFFEE BREAK (Build. 61.4)**
- 03:30 pm **HANDS-ON COURSE IV**
- 04:30 pm End of Hands-on
- 07:00 pm **Dinner**
Restaurant “Die Scheune“, Limbach

Thursday, Sept. 19, 2019

08:00 - 12:00 am Build. 90.5 - Neurosurgery

- 08:00 am Welcome
- 08:15 am Endoscopic Assisted Treatment of Aneurysm
G. Fischer, Homburg-Saar, Germany
- 08:30 am Colloid Cyst
W. Azab, Kuwait City, Kuwait
- 08:45 am Case Presentation
- 09:00 am **LIVE SURGERY A**
- 09:45 am **COFFEE BREAK**
- 10:15 am Management of Intraoperative Hemorrhages - the Dry Field Technique
S. Senger, Homburg-Saar, Germany
- 10:30 am Future of Neuroendoscopy
J. Oertel, Homburg-Saar, Germany
- 10:45 am **LIVE SURGERY B**
- 11:45 am **LUNCH BREAK**
- 12:15 - 04:30 pm Build. 61 - Anatomy
- 12:00 pm **HANDS-ON COURSE V
DEMONSTRATION ON HUMAN CADAVERS**
- 04:15 pm **Closing remarks, handing out of certificates and group photo**
J. Oertel, Homburg-Saar, Germany
- 04:30 pm **----- CLOSURE OF MODULE 2 -----**

LOCAL SPEAKER

MODULE 2

Gerrit **FISCHER**, M.D., PhD, Homburg-Saar, Germany
 Peter **GRUNERT**, M.D., PhD, Homburg-Saar, Germany
 Stefan **LINSLER**, M.D., PhD, Homburg-Saar, Germany
 Michael **MENGER**, M.D., PhD, Homburg-Saar, Germany
 Ruben **MÜHL-BENNINGHAUS**, M.D., Homburg-Saar, Germany
 Joachim **OERTEL**, M.D., PhD, Homburg-Saar, Germany
 Jana **REDIKER**, M.D., Homburg-Saar, Germany
 Sebastian **SENGER**, M.D., Homburg-Saar, Germany

Sunday, Sept. 15, 2019

04:30 - 08:00 pm „Schlossberg Hotel“, Homburg-Saar

- 04:30 pm Registration
- 05:00 pm Welcome and Opening
- 05:30 pm Introduction to Cranial Neuroendoscopy
J. Oertel, Homburg-Saar, Germany
- 05:45 pm Endoscopic Skull Base Surgery
B. Schick, Homburg-Saar, Germany
- 06:00 pm To the Orbit and Beyond: Final Frontiers and Limitations of Endoscopic Skull Base Surgery
P. Valentin TOMAZIC, Graz, Austria
- 06:15 pm History of Skull Base Surgery
P. Grunert, Homburg-Saar, Germany

ONLINE LECTURE

- 06:30 pm WELCOME AND INTRODUCTION**
J. OERTEL AND P. CASTELNUOVO
- 06:45 pm ENDONASAL ANATOMY AND FLAPS**
P. CASTELNUOVO, VARESE, ITALY
- 07:15 pm DISCUSSION**

07:30 pm **Dinner and Get-Together**
Restaurant “Vauban“, Schlossberg-Hotel

INVITED SPEAKER

MODULE 1

Alias **AZMI**, M.D., PhD, Kuala Lumpur, Malaysia
 Paolo **CASTELNUOVO**, M.D., PhD, Varese, Italy
 Artur **DA CUNHA**, M.D., PhD, Recife, Brazil
 John **LEE**, M.D., PhD, Philadelphia, USA
 Davide **LOCATELLI**, M.D., PhD, Varese, Italy
 Roberto **PARESCHI**, M.D., PhD, Milano, Italy
 Peter Valentin **TOMAZIC**, M.D., PhD, Graz, Austria

Monday, Sept. 16, 2019

08:00 am - 12:30 pm Build. 90.5 - Neurosurgery

- 08:00 am Registration
- 08:15 am Welcome and Introduction
- 08:30 am Case Presentation
- 08:45 am Interdisciplinary Approaches to the Skull Base
D. Locatelli, Varese, Italy
- 09:00 am LIVE SURGERY / ENT**
- 10:00 am COFFEE BREAK**
- 10:15 am Complication Avoidance in Endoscopic Endonasal Paranasal Sinuses Surgery
B. Schick, Homburg-Saar, Germany
- 10:30 am Endoscopic Anatomy of Nasal Cavity, Sellar and Midline Skull Base: Neurosurgeon Perspective
A. Azmi, Kuala Lumpur, Malaysia
- 10:45 am Fully Endoscopic Cerebellopontine Angle Surgery
J. Lee, Philadelphia, USA
- 11:00 am Discussion
- 11:15 am LIVE SURGERY / ENT**
- 12:00 am LUNCH BREAK

12:30 - 4:30 pm Build. 61 - Anatomy

- 12:30 pm HANDS-ON COURSE I**
- 04:30 pm End of Hands-on

07:00 pm Dinner
Restaurant HOMBURGER HOF

LOCAL SPEAKER

MODULE 1

Peter **GRUNERT**, M.D., PhD, Homburg-Saar, Germany
 Stefan **LINSLER**, M.D., PhD, Homburg-Saar, Germany
 Joachim **OERTEL**, M.D., PhD, Homburg-Saar, Germany
 Bernhard **SCHICK**, M.D., PhD, Homburg-Saar, Germany

Tuesday, Sept. 17, 2019

08:00 - 12:00 am Build. 90.5 - Neurosurgery

- 08:00 am Welcome
- 08:15 am Case Presentation
- 08:30 am Endoscopic Assisted Skull Base Surgery
J. Oertel, Homburg-Saar, Germany
- 08:45 am Mononostrial Transnasal Transphenoidal Techniques
S. Linsler, Homburg-Saar, Germany
- 09:00 am LIVE SURGERY (INTERDISCIPLINARY CASES)**
- 10:00 am COFFEE BREAK**
- 10:15 am Endoscopic Assisted Surgery Cerebellopontine Angle
J. Oertel, Homburg-Saar, Germany
- 10:30 am Complications of Endonasal Cranial Base Surgery
A. Da Cunha, Recife, Brazil
- 10:45 am The Transpetrosal Approaches System in Posterior Fossa Tumors
R. Pareschi, Milano, Italy
- 11:00 am The Extended Endoscopic Approach to Perisellar and Skull Base Lesions: Is one Nostril Enough?
S. Linsler, Homburg-Saar, Germany
- 11:15 am Discussion
- 11:30 am LUNCH BREAK

12:00 - 04:30 pm Build. 61 - Anatomy

12:00 pm HANDS-ON COURSE II

04:15 pm **Closing remarks, handing out of certificates and group photo**
J. Oertel, Homburg-Saar, Germany

04:30 pm **----- CLOSURE OF MODULE 1 -----**

UNIVERSITÄT
DES
SAARLANDESUKS
Saarland University
Medical Center

Saturday, Sept. 21, 2019

08:00 - 11:00 am Build. 61 - Anatomy

08:00 am	Welcome
08:15 am	The Spine TIP System <i>T. Lübbers, Leer, Germany</i>
08:30 am	EasyGO! Complication Avoidance <i>J. Oertel, Homburg-Saar, Germany</i>
08:45 am	Minimal Access Treatment of Sacral Fractures and Sacroiliac Problems and Pain <i>A. Saoud, Cairo, Egypt</i>
09:00 am	Endoscopy in Lumbar Disc Surgery: 30 Years Personal Review and Outlook <i>H. F. Leu, Zurich, Switzerland</i>
09:15 am	Endoscopic Surgical Skill Qualification and Potential Complications <i>A. Dezawa, Tokyo, Japan</i>
09:30 am	Cervical Endoscopic Discectomy (Easy go Technology) <i>A. Gushcha, Moscow, Russia</i>
09:45 am	Easy Go! Frykholm Procedure <i>C. Tschan, Meppen, Germany</i>
10:00 am	COFFEE BREAK (Build. 61.4)
10:15 am	3D Endoscope in Endoscopic Spine Surgery - my Experience <i>S. Rohidas, Kolhapur, India</i>
10:30 am	Complications of the Endoscopic Surgery <i>N. A. Peev, Belfast, Northern Ireland</i>
10:45 am	Handing out of certificates and group photo <i>J. Oertel, Homburg-Saar, Germany</i>

11:00 am - 03:45 pm Build. 61 - Anatomy

11:00 am	HANDS-ON COURSE VII
12:30 pm	LUNCH BREAK (Build. 61.4)
01:00 pm	HANDS-ON COURSE VIII INDIVIDUAL BREAKS (Build. 61.4)

03:45 - 04:00 pm Build. 61.4

03:45 pm	Closing remarks <i>S. Senger, S. Linsler, Homburg-Saar, Germany</i>
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- - - CLOSURE OF MODULE 3 - - -

Many thanks to our industry partners for the kindly support:



MODULE 1



MODULE 3



MODULE 2



MODULE 1

MODULE 2

MODULE 3



MODULE 2



MODULE 1

MODULE 2

MODULE 3



MODULE 1

MODULE 2

MODULE 3



MODULE 3



MODULE 1

8th HOMBURGER
NEUROENDOSCOPY
WEEK 2019

September 15 - 21, 2019

Homburg-Saar, Germany

MODULE 1

Sept. 15 - 17, 2019

ENDOSCOPIC
SKULL BASE SURGERY

MODULE 2

Sept. 17 - 19, 2019

CRANIAL
NEUROENDOSCOPY

MODULE 3

Sept. 19 - 21, 2019

SPINAL
ENDOSCOPY

Under the auspices of WFNS, IFNE, ISMISS and WSCS

ISMISS
INTERNATIONAL SOCIETY FOR
MINIMAL INTERVENTION
IN SPINAL SURGERY

Dear colleagues,

it is my pleasure to announce the

8th Homburger Neuroendoscopy Week
at the
Department of Neurosurgery
Saarland University, Homburg-Saar, Germany,

Due to the success of the last years, we offer **3 MODULES** in 2019.

MODULE 1 is focused on the interdisciplinary approach to the skullbase in cooperation with our **ENT-DEPARTMENT** of Professor Schick. The new developments in endoscopic skullbase surgery are presented to you by an international faculty. Additional **HANDS-ON COURSES** will provide demonstrations of endoscopic techniques as well as time to enhance your own surgical skills on **HUMAN CADAVERS**. Interdisciplinary **LIVE SURGERIES** will be presented to you in HD-technology and in an interactive setting.

MODULE 2 will focus on intraventricular endoscopy and pediatric neurosurgery. **HUMAN CADAVERS** and **ANIMAL MODELS** are also included.

MODULE 3 is focused on the currently most important available techniques in minimally invasive spine surgery. This module also contains a **HUMAN CADAVER WORKSHOP** lasting several hours.

As before a selected variety of innovative neurosurgical products will be presented in the accompanying **INDUSTRIAL EXHIBITION**.

We are looking forward to welcoming you in Homburg-Saar for a week full of new exciting experiences.

Sincerely yours,



Prof. Dr. Joachim Oertel
Head of the Department of Neurosurgery



Prof. Dr. Bernhard Schick
Head of the Department of Otolaryngology

Thursday, Sept. 19, 2019

05:30 - 08:00 pm „Schlossberg Hotel“, Homburg-Saar

- 05:30 pm Registration
06:00 pm Welcome and Opening
J. Oertel, Homburg-Saar, Germany
06:15 pm Introduction to Spine Endoscopy
J. Oertel, Homburg-Saar, Germany
06:30 pm History of Spine Endoscopy
B. Burkhardt, Homburg-Saar, Germany
06:45 pm Spine Anatomy under Endoscopic View
B. Burkhardt, Homburg-Saar, Germany

ONLINE LECTURE

- 07:00 pm **WELCOME AND INTRODUCTION**
J. OERTEL AND M. ZILELI
07:15 pm **PHILOSOPHY OF MINIMALLY INVASIVE SPINE SURGERY**
M. ZILELI, IZMIR, TURKEY
07:30 pm **DISCUSSION**
07:30 pm Percutaneous Laser Disc Decompression in Contained Disc Herniation. Indications and Results.
P. P. M. Menchetti, Palermo, Italy
07:45 pm Fast Recovery after Endoscopic Spinal Stenosis Decompression
J. Destandau, Bordeaux, France

08:00 pm **Dinner and Get-Together**
Restaurant "Vauban", Schlossberg-Hotel

INVITED SPEAKER **MODULE 3**

Erwin **CORNIPS**, M.D., PhD, Maastricht, The Netherlands
Jean **DESTANDAU**, M.D., PhD, Bordeaux, France
Akira **DEZAWA**, M.D., PhD, Tokyo, Japan
Artem **GUSHCHA**, M.D., PhD, Moscow, Russia
Arman **HAKOBYAN**, M.D., PhD, Yerevan, Armenia
Hansjoerg F. **LEU**, M.D., PhD, Zurich, Switzerland
Thomas **LÜBBERS**, M.D., Leer, Germany
Pier Paolo Maria **MENCHETTI**, M.D., PhD, Palermo, Italy
Sait **NADERI**, M.D., PhD, Istanbul, Turkey
Nikolay Angelov **PEEV**, M.D., PhD, Belfast, Northern Ireland
Ioannis **POLYTHODORAKIS**, M.D., PhD, Athens, Greece
Shrinivas **ROHIDAS**, M.D., PhD, Kolhapur, India
Abdelfattah **SAOUD**, M.D., PhD, Cairo, Egypt
Christoph **TSCHAN**, M.D., PhD, Meppen, Germany
Mehmet **ZILELI**, M.D., PhD, Izmir, Turkey

Friday, Sept. 20, 2019

08:00 am - 12:30 pm Build. 90.5 - Neurosurgery

- 08:00 am Registration
08:15 am Welcome, Introduction, Case Presentation
08:30 am Percutaneous Endoscopic Lumbar Discectomy
S. Naderi, Istanbul, Turkey
08:45 am The EasyGO! 2.0 System
J. Oertel, Homburg-Saar, Germany
09:00 am EasyGO!: Intralaminar Fenestration
B. Burkhardt, Homburg-Saar, Germany
09:15 am LIVE SURGERY A
10:00 am COFFEE BREAK
10:15 am EasyGO!: Decompression in Lumbar Stenosis
S. Linsler, Homburg-Saar, Germany
10:30 am 3-D Thoracoscopy for Degenerative Thoracic Spine and Spine Tumors
Artem Gushcha, Moscow, Russia
10:45 am Intravertebral Disc Hernia - Comparison of Transforaminal and Interlaminar Approach
A. Hakobyan, Yerevan, Armenia
11:00 am Thoracoscopic Microdiscectomy is the State of the Art for the Treatment of Thoracic Disc Herniation
E. Cornips, Maastricht, The Netherlands
11:15 am Minimally Invasive Spine Surgery: Using a Tube System / Lumbar Spinal Stenosis
I. Polythodorakis, Athens, Greece
11:30 am LIVE SURGERY B
12:00 am LUNCH BREAK

12:30 - 05:30 pm Build. 61 - Anatomy

- 12:30 pm HANDS-ON COURSE VI**
INDIVIDUAL BREAKS (Build. 61.4)
05:30 pm End of Hands-on
06:00 pm BBQ

LOCAL SPEAKER **MODULE 3**

Benedikt **BURKHARDT**, M.D., PhD, Homburg-Saar, Germany
Stefan **LINSLER**, M.D., PhD, Homburg-Saar, Germany
Joachim **OERTEL**, M.D., PhD, Homburg-Saar, Germany
Sebastian **SENGER**, M.D., Homburg-Saar, Germany